

FIG. 1

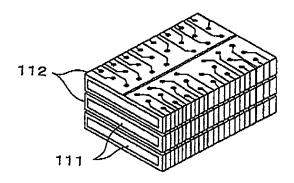


FIG. 2

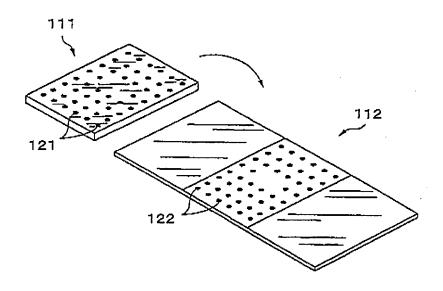


FIG. 3

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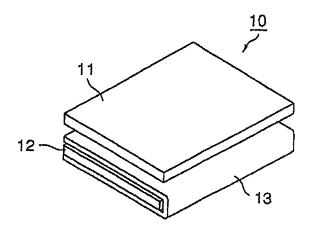


FIG. 4A

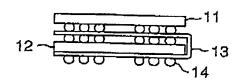


FIG. 4B

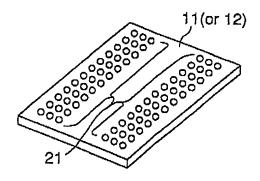


FIG. 8

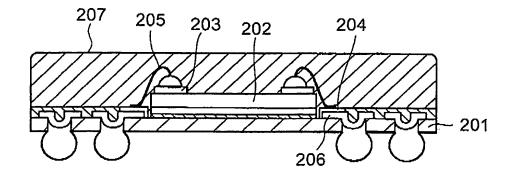


FIG. 5

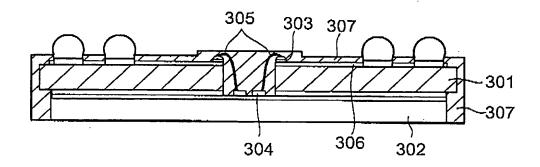


FIG. 6

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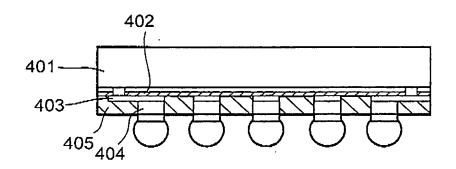


FIG. 7

1	2	3		7	8	9
VDD	NC	VSS	А	VSSQ	DOS	VDDQ
NC	vssq	DM	В	DQS	VSSQ	NC
VDDQ	DQ1	VDDQ	С	VDDQ	DQ0	VDDQ
NC	VSSQ	DQ3	D	DQ2	VSSQ	NC
VDDL	VREF	VSS	Ε	VSSDL	CK	VDD
	CKE	WE	F	RAS	CK	ОТО
BA2	BA0	BA1	G	CAS	CS	
	A10	A1	н	A2	A0	VDD
vss	A3	A5	j.	A6	A4	
	A7	A9	κ	A11		vss
VDD	A12	A14	L	A15	A13	

FIG. 9

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1	2	3		7	8	9
VDD	NC	VSS	A	VSSQ	DOS	VDDQ
NC	VSSQ	DM	В	DQS	VSSQ	NC
VDDQ	DQ1	VDDQ	С	VDDQ	.DO0	VDDQ
NC	VSSQ	DQ3	ם	DQ2	VSSQ	NC
VDDL	VREF	VSS	E	VSSDL	СК	VDD
	CKE0	WE	F	RAS	CK	ODTO
BA2	BA0	BA1	G	CAS	CS0	CS1
CKE1	A10	A1	Н	A2	Α0	VDD
VSS	АЗ	A5	J	A6	A4	ODT1
	A7	A9	ĸ	A11	A8	VSS
VDD	A12	A14	L	A15	A13	

FIG. 10

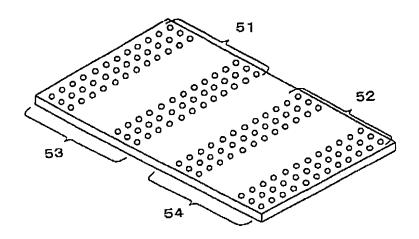


FIG. 11

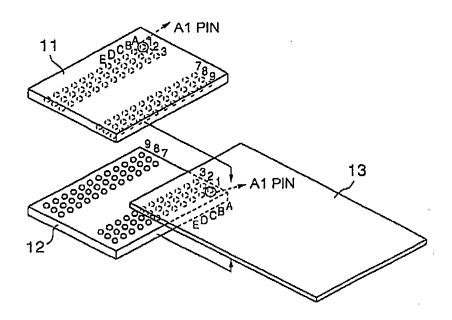


FIG. 12A

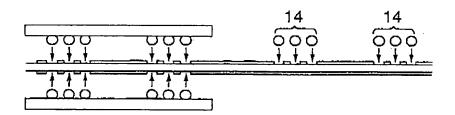
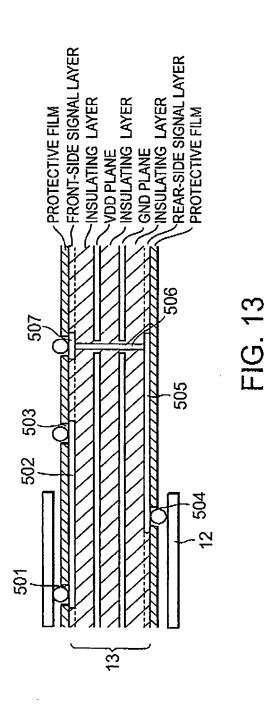
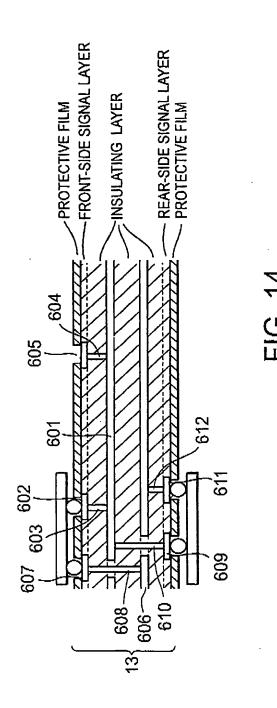


FIG. 12B





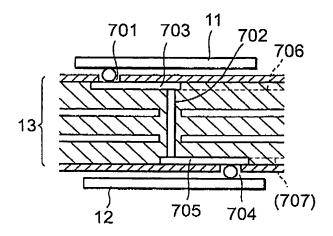


FIG. 15

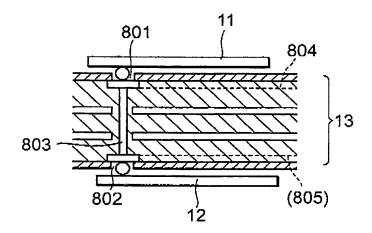
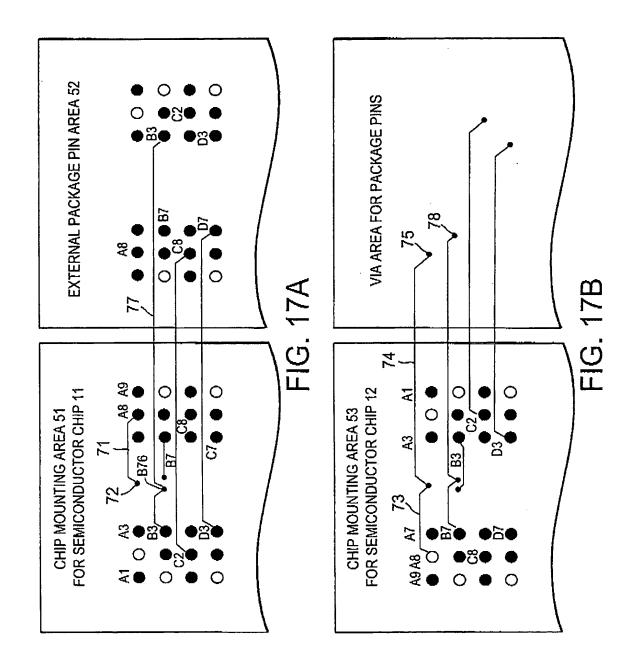


FIG. 16



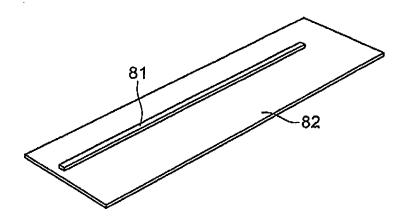


FIG. 18A

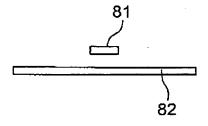


FIG. 18B

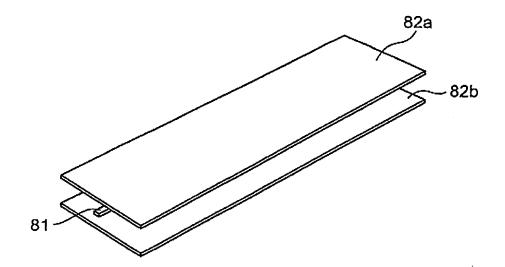


FIG. 19A

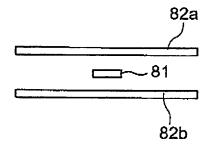


FIG. 19B

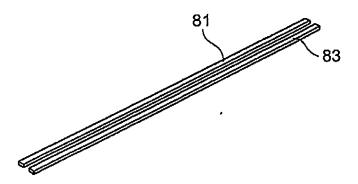


FIG. 20A

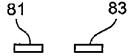


FIG. 20B

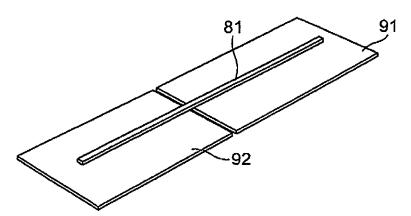


FIG. 21A

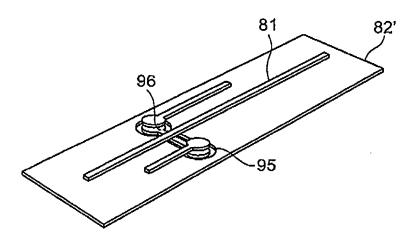


FIG. 21B

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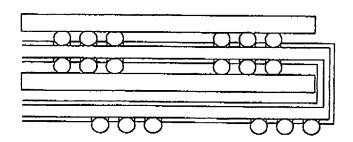


FIG. 22

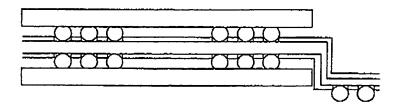


FIG. 23A

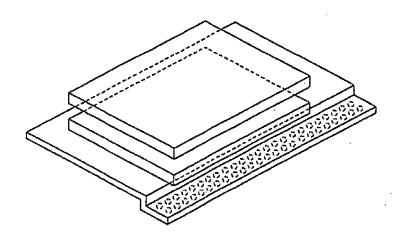


FIG. 23B